

REMARKS

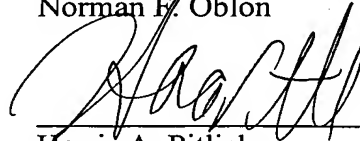
The rejections under 35 U.S.C. § 103(a) of Claim 3 as unpatentable over U.S. 5,720,780 (Liu et al) in view of U.S. 5,922,493 (Humphrey et al) and JP 2000-235868 (JP '868), and of Claims 5 and 6 unpatentable over Liu et al in view of Humphrey et al and JP '868 further in view of U.S. 4,668,595 (Yoshino et al), are respectfully traversed. Indeed, the rejections are now moot in view of the above-discussed amendment. Accordingly, it is respectfully requested that the rejections be withdrawn.

The rejection of Claims 7 and 14 under 35 U.S.C. § 112, first paragraph, as not enabling, is respectfully traversed. While polyvinylidene fluoride (PVDF) may be disclosed as necessary in the description of the so-called first embodiment of the invention, beginning at page 7, line 10 of the specification, PVDF is not essential, and not described as essential, when used in the so-called second embodiment of the invention, beginning at page 15, line 14 of the specification. This embodiment, described at page 15, lines 15-26, does not require a particular binder. Indeed, the specification subsequently describes, at page 16, lines 3-4, that the cathode of the lithium secondary battery according to the second embodiment is formed from, *inter alia*, “a binder **such as** polyvinylidene fluoride” (emphasis added.). Thus, the conclusion by the Examiner that PVDF is essential is incorrect as a matter of law. Accordingly, , it is respectfully requested that this rejection be withdrawn.

Applicants respectfully submit that all of the presently-pending claims in this application are now in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Respectfully submitted,

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